

FIG. 1

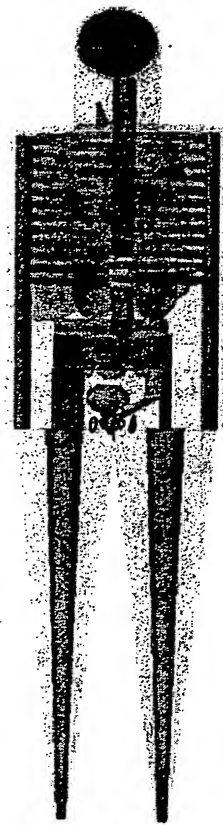


FIG. 2

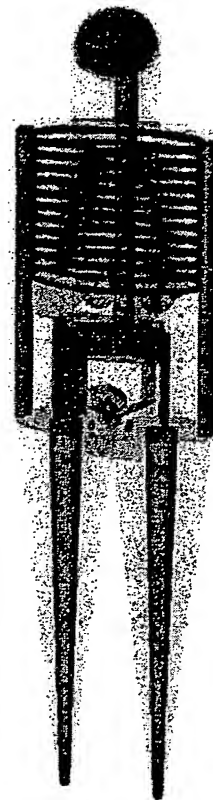
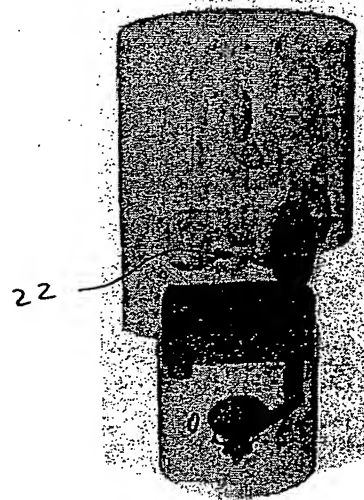


FIG. 3



34

FIG. 4

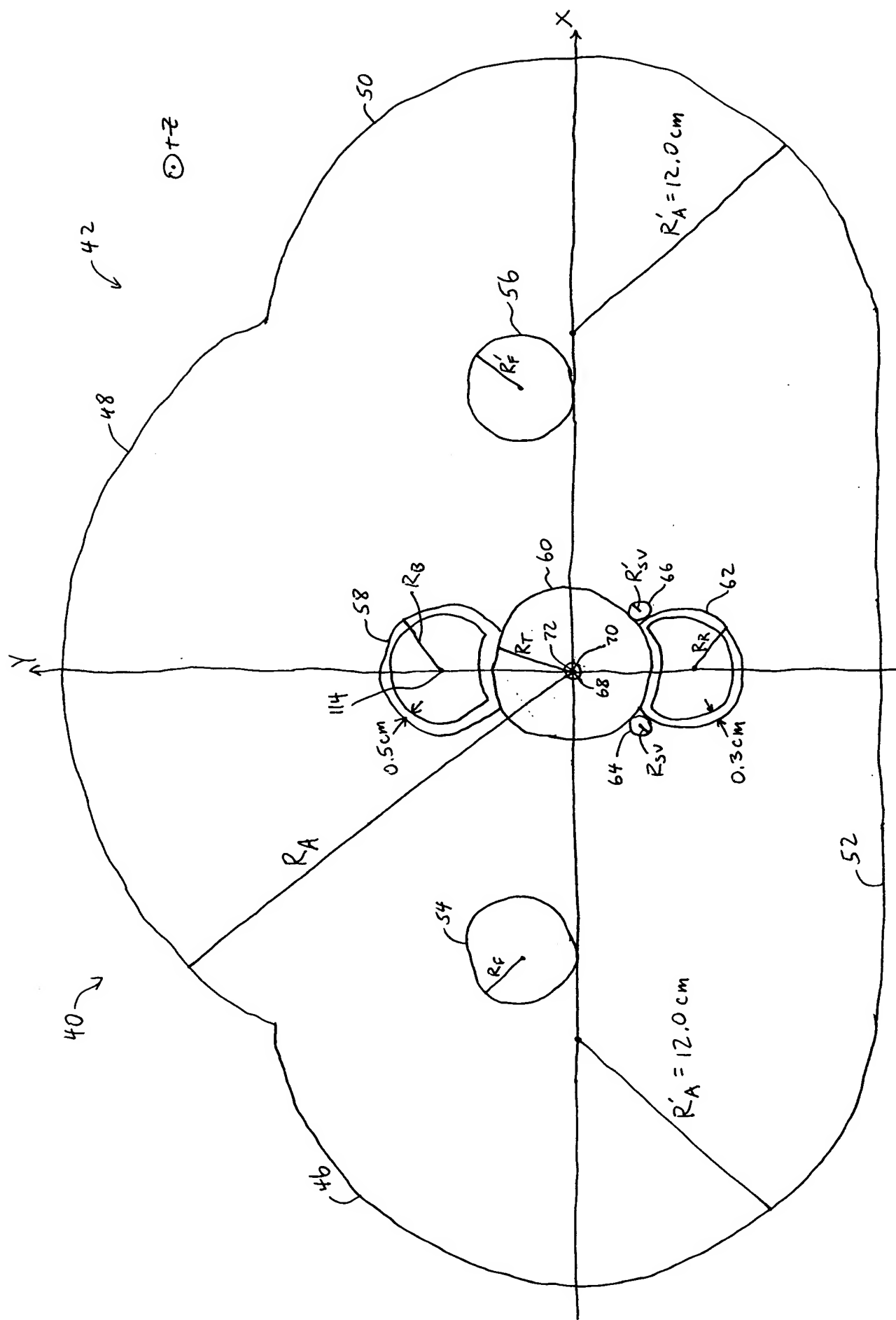
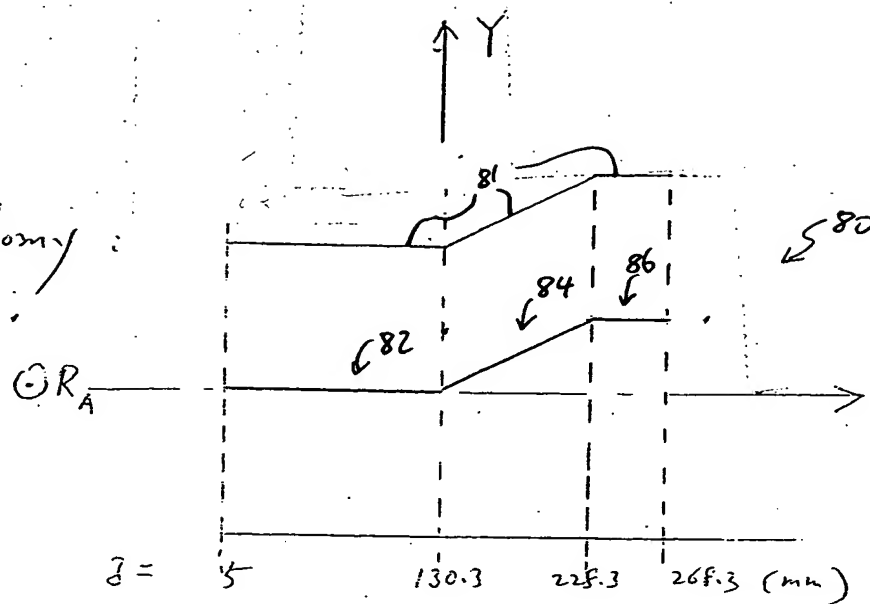


Fig. 5

Anatomy:



$$R_A = 16.0 \text{ (cm)}$$

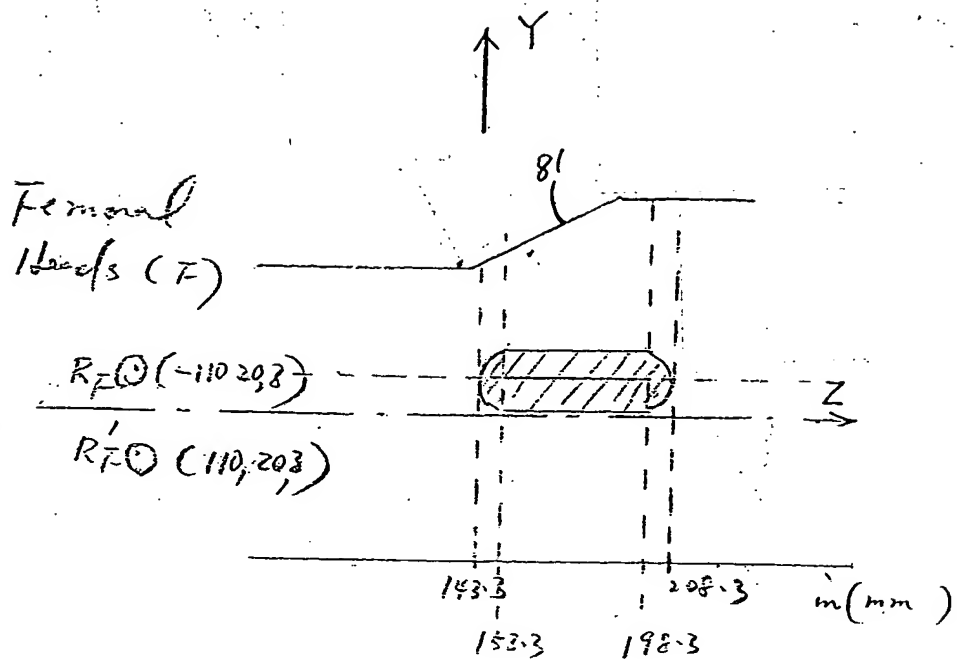
$$92 \rightarrow (0, 0, Z), \quad Z \in [0, 13.03] \quad m(\text{cm})$$

$$\text{Ctr } R_A = (0, 0.5x(Z - 13.03), Z) \quad Z \in [13.03, 22.83]$$

$$94 \rightarrow (0, 4.9, Z) \quad Z \in [22.83, 26.83]$$

96

Fig. 6



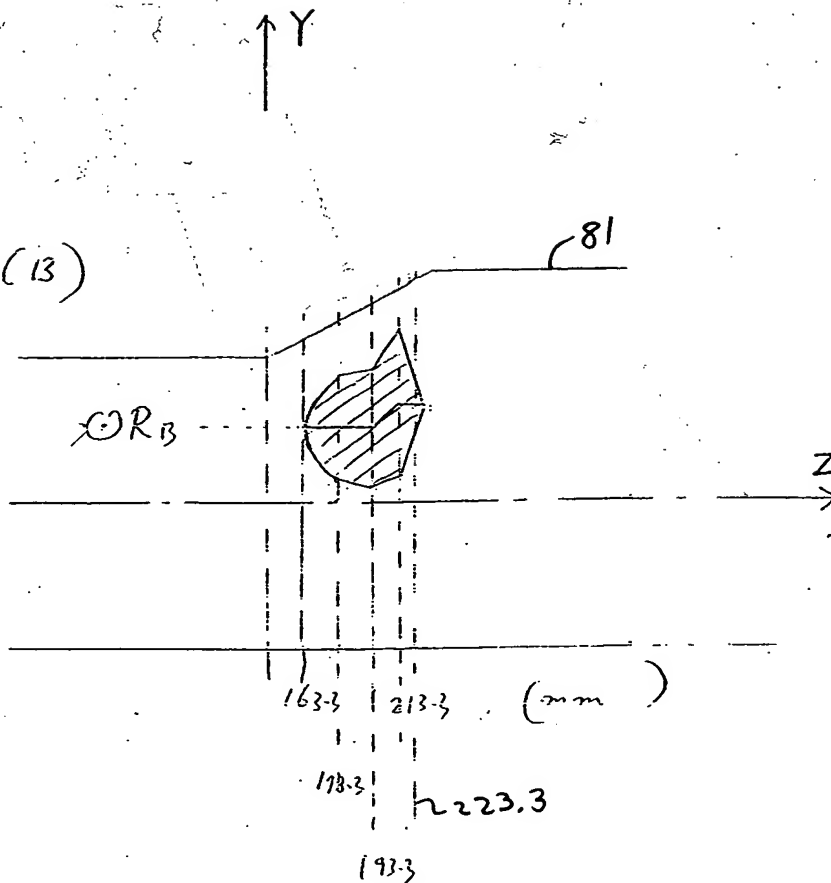
$$R_F = \begin{cases} 2.0 - 0.2x(15.33 - Z)^2 & Z \in [14.33, 15.33] \\ 2.0 & Z \in [15.33, 19.83] \\ 2.0 - 0.2x(19.83 - Z)^2 & Z \in [19.83, 20.83] \end{cases} \quad m(cm)$$

$$\begin{cases} \text{Ctr } R_F = (-11, 2, Z) \\ \text{Ctr } R'_F = (11, 2, Z) \end{cases}$$

$$Z \in [14.33, 20.83]$$

Fig 7

Bladder (13)

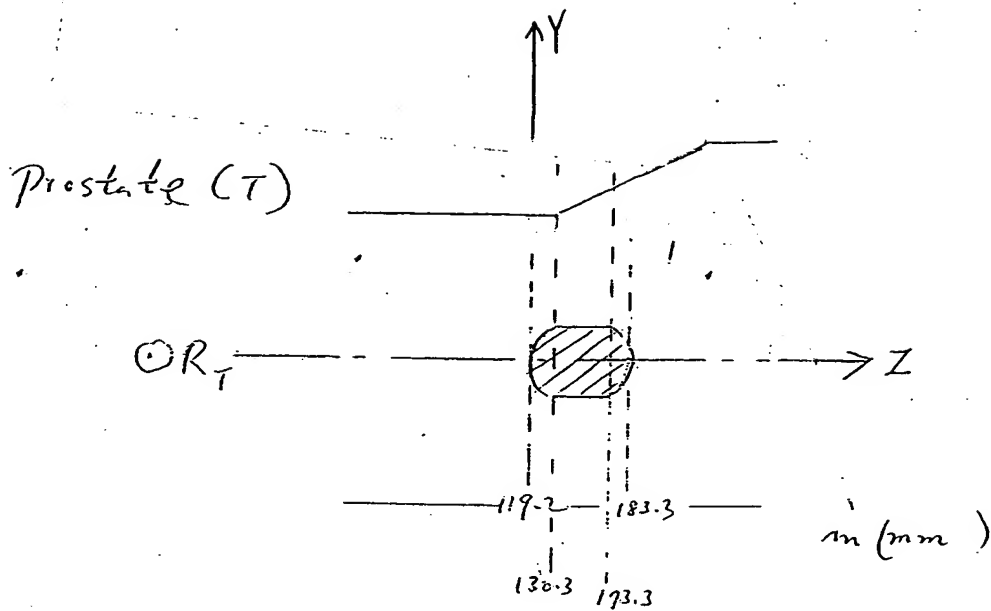


$$R_B = \begin{cases} 2.5 \times (Z - 16.33) & Z \in [16.33, 17.33] \\ 2.5 + 0.5 (Z - 17.33) & Z \in [17.33, 21.33] \\ 6.0 - 1.5 \times (Z - 19.33) & Z \in [21.33, 22.33] \end{cases} \quad \text{in (cm)}$$

112

$$\text{Ctr } R_B = \begin{cases} (0, 5.0, Z), & Z \in [16.33, 19.33] \\ (0, 5.0 + (Z - 19.33), Z) & Z \in [19.33, 21.33] \\ (0, 7.0, Z) & Z \in [21.33, 22.83] \end{cases}$$

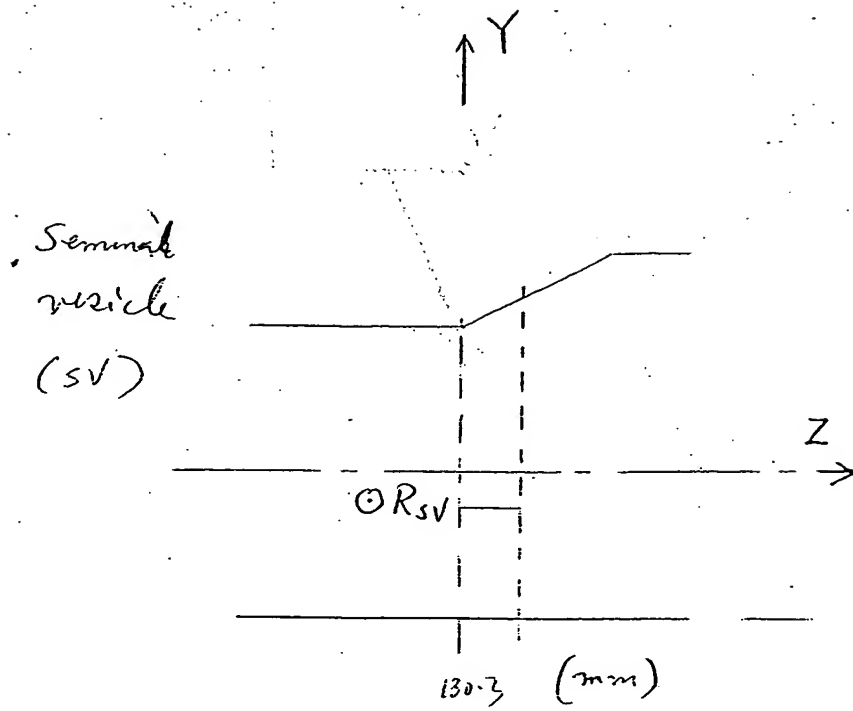
Fig. 8



$$R_T = \begin{cases} 3.0 - 0.25x(Z-13.03)^2 & Z \in [11.92, 13.03] \\ 3.0 & Z \in [13.03, 17.33] \\ 3.0 - 0.25x(Z-17.33)^2 & Z \in [17.33, 18.33] \end{cases} \quad \text{in (cm)}$$

$$\text{Ctr } R_T = (0, 0, Z) \quad Z \in [11.92, 18.3]$$

Fig 9



$$R_{sv} = 0.5 \text{ (cm)} \quad Z \in [12.53, 17.33] \text{ m (cm)}$$

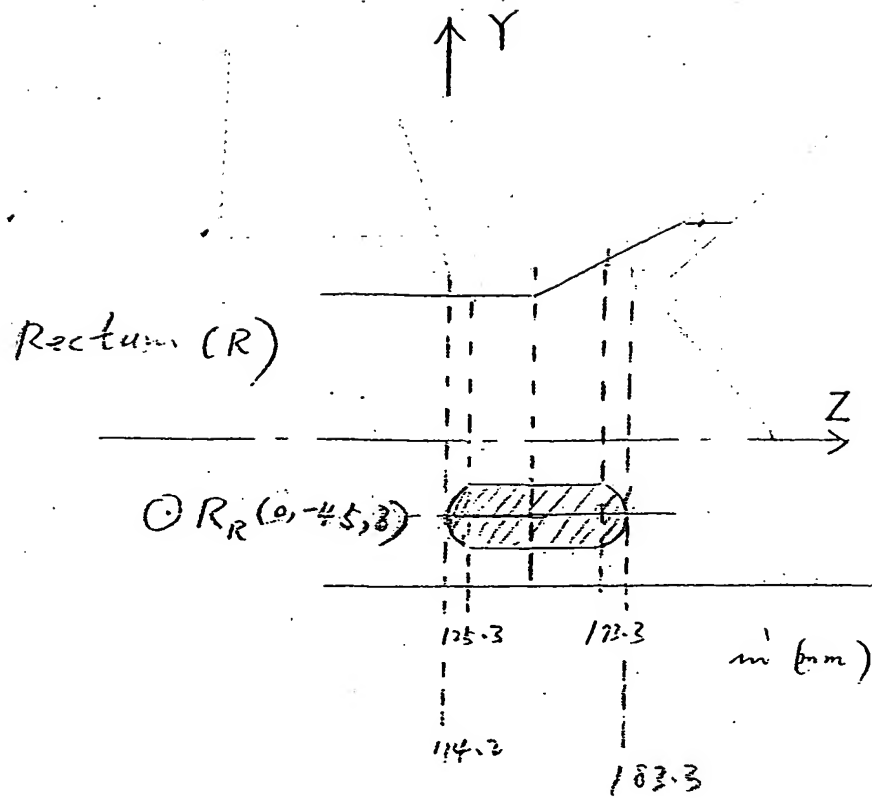
$$\text{Ctr } R_{sv} = (-2.0, -2.0, Z)$$

$$\text{Ctr } R_{sv} = (2.0, -2.0, Z)$$

$$Z \in [13.03, 15.83]$$

Fig 10

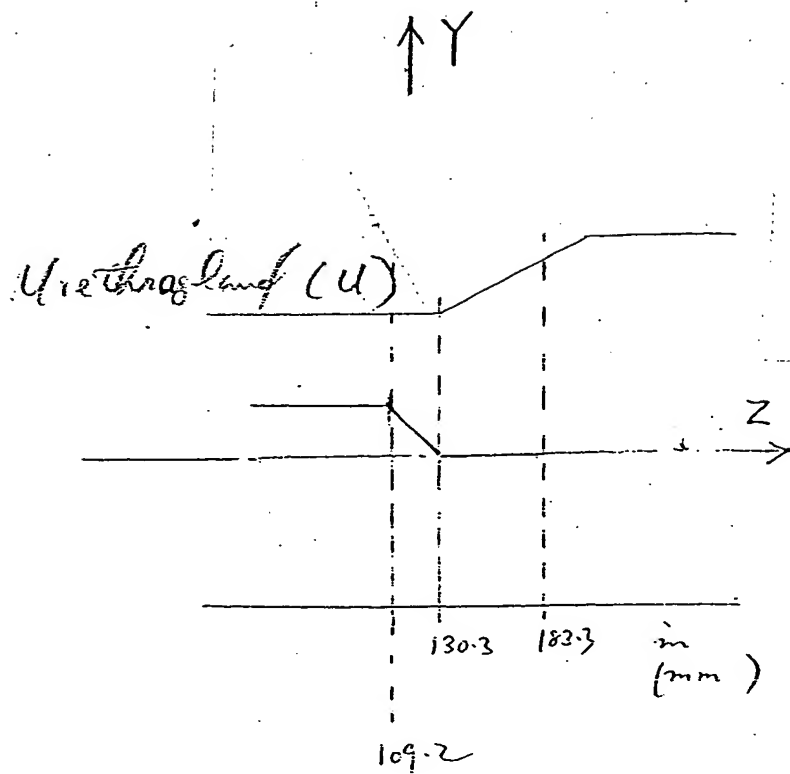




$$R_R = \begin{cases} 2.0 - 0.1 \times (12.53 - Z)^2 & Z \in [11.42, 12.53] \\ 2.0 & Z \in [12.53, 17.33] \\ 2.0 - 0.1 \times (Z - 17.33)^2 & Z \in [17.33, 18.33] \end{cases} \quad m (cm)$$

$$\text{Ctr } R_R = (0, -4.5, Z) \quad Z \in [11.42, 18.33]$$

Fig. 11



$$R_0 = 0.15 \quad Z \in [12.53, 17.33] \quad \text{m (cm)}$$

$$\text{Ctr } R_0 = \begin{cases} (0, 2.0, Z), & Z \in [0.5, 10.92] \\ (0, 2.0 + 0.95 \times (10.92 - Z), Z) & Z \in [10.92, 13.03] \\ (0, 0, Z) & Z \in [13.03, 18.33] \end{cases}$$

Fig. 12

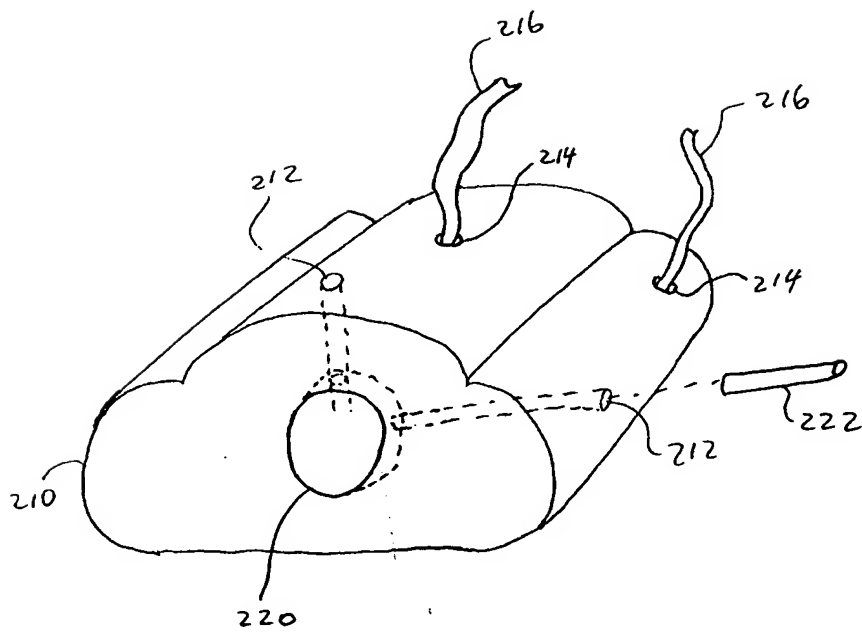


FIG. 13

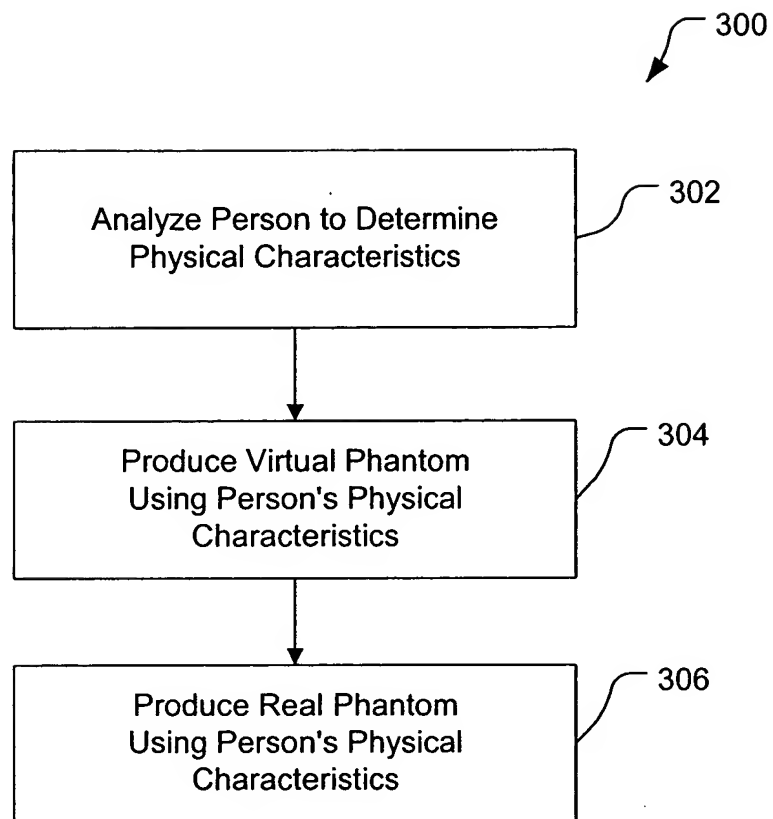


FIG. 14

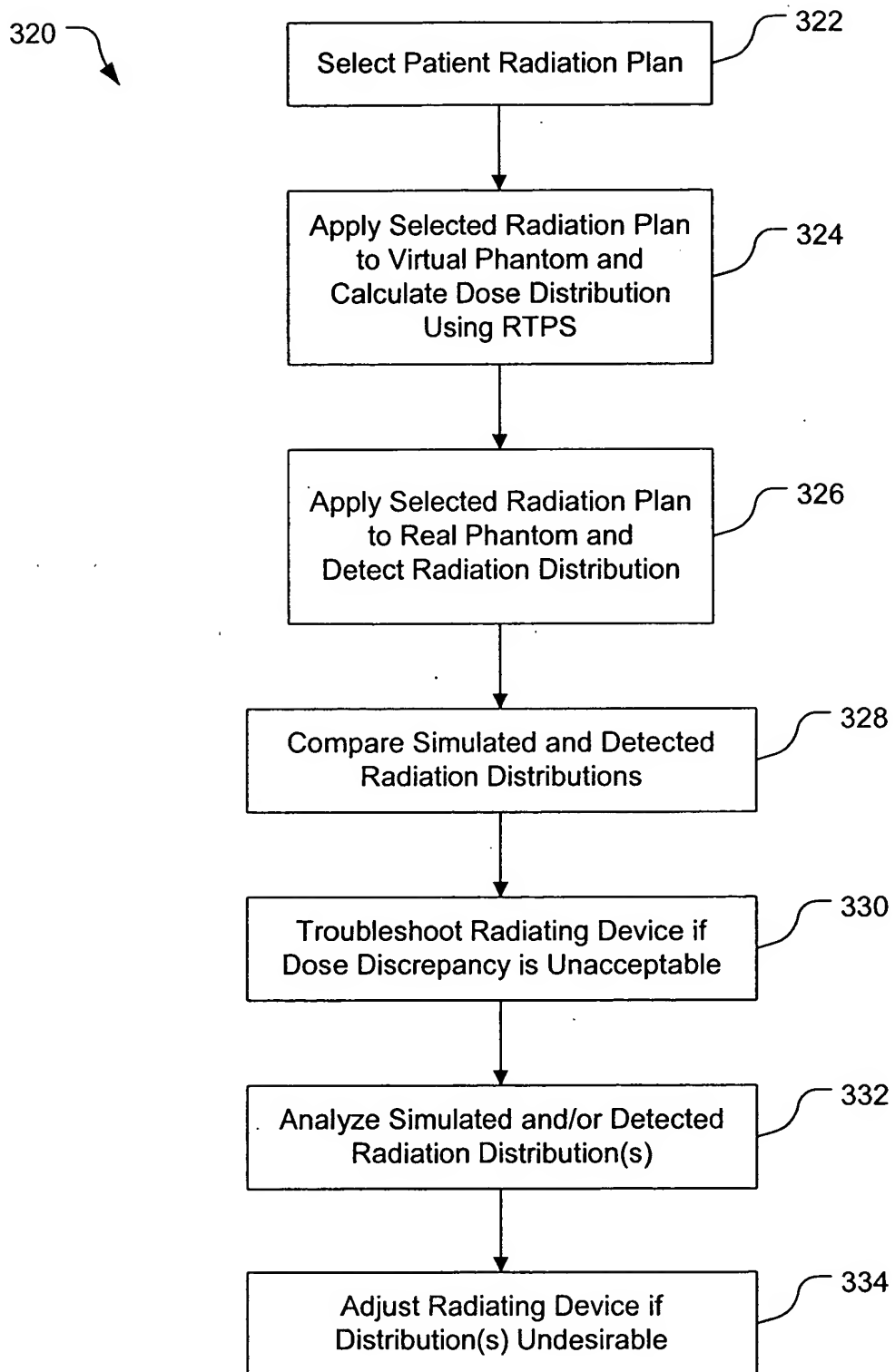


FIG. 15